SIEMENS

Installation Guide

HiPath 3000, HiPath 5000
Version 4.0
TAPI 120

May 2003

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May 2003

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HiPath 3000/5000 V4.0
TAPI 120

Installation Guide

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1 Installation guide

1.1 Short description

General

The HiPath TAPI 120 enables Microsoft TAPI applications to control assigned telephones.

HiPath TAPI 120 is derived from Hicom CTI TAPI 3P. Running both TAPI drivers on the same machine is no possible.

Features

The following features are available:

- outgoing connection setup
- incoming call acceptance
- dropping of calls
- display of call state, display of caller id, display of caller name (internal calls)
- logging of calls
- call pickup (group)
- consultation hold
- toggling between calls
- call transfer, speed extend, call park / hold
- conference
- call forwarding, do not disturb
- additional information for redirectred calls
- data exchange between TAPI applications

TAPI application: Example

The easiest way to work with TAPI is to use the default Windows application *Dialer*. It is possible to start outgoing calls with this application.

1.2 Requirements

Software reqirements

- Windows NT 4.0 with Service Pack 4
- **or** Windows 2000
- **or** Windows XP
- **or** Windows ME
- **or** Windows 98
- **or** Windows 95
  incl. TAPI-update to TAPI-Version 2.1, incl. Year-2000-Update and incl. Internet Explorer Version 4.01 SP2

1.3 Installation preparations

Preparations under Windows 95

HiPath TAPI 120 requires TAPI version 2.0. By default Windows 95 supports TAPI 1.4. Therefor a TAPI update to version 2.1 has to be installed under Windows 95. You can find the update file(s) in the internet on the page:
http://support.microsoft.com/support/platformsdk/kernelbase/downloads.asp

Install this TAPI update only on PCs with Windows 95!

Updating TAPI 2.1 for Windows 95:

Proceed the following steps only under Windows 95:

Schritt	Vorgehen
1	Check the existance of the *Telephony* symbol under *Start - Settings - Control Panel*. If this symbol ist **not existing**, change to the system directory on the PC and rename the file `TELEPHON.CP$` to `TELEPHON.CPL`.
2	Change to the folder with the TAPI update file. Execute the update file `Tapi2195.exe`.
3	The TAPI update proceeds. Then restart the PC.

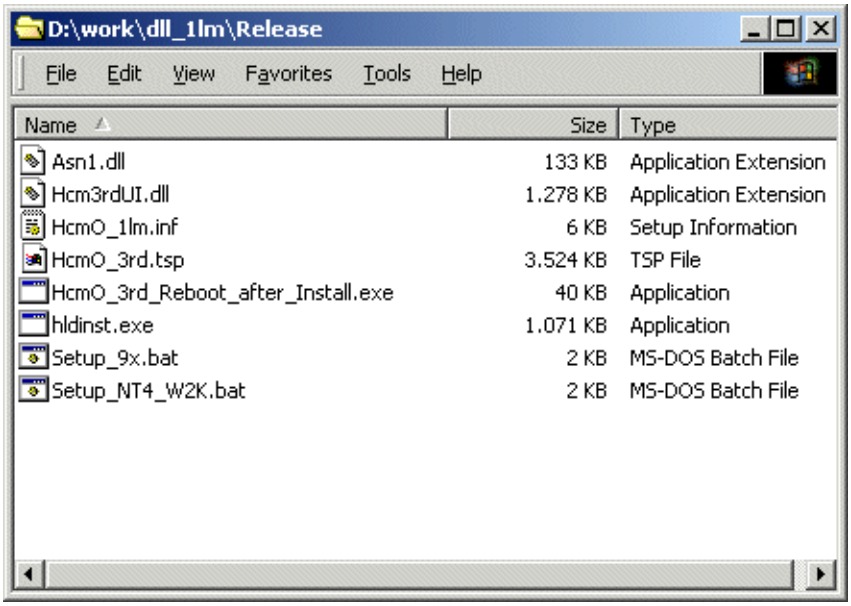
1.4 Installation and configuration of HiPath TAPI 120

1.4.1 Installation of HiPath TAPI 120

> If (another) CTI TAPI is installed on the PC, you have to uninstall this version before installing HiPath TAPI 120. For uninstalling this driver please follow the description in Abschnitt 1.4.4.
> Furthermore you have to find and delete the file `CSTA2Ext.dll` on the PC.

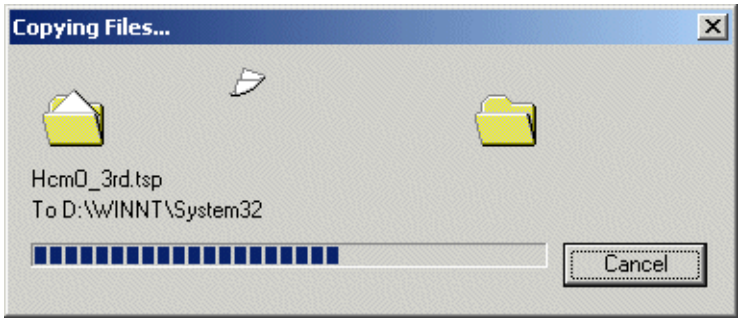
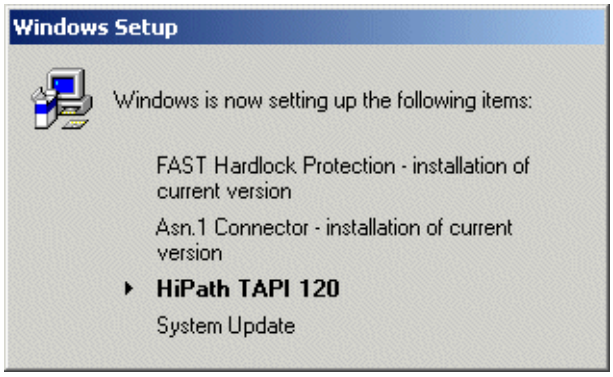
Installation media

The installation media for HiPath TAPI 120 (e.g. CD) containes the following setup files:



To install HiPath TAPI 120 proceed as follows:

Step	Procedure	
	under Windows 95 / 98 / ME	**under Windows NT / 2000/ XP**
1	Change to the inserted installation media (CD / Disk) or change to the installation folder.	
2	Execute the batch file `Setup_9x.bat`, e.g. by double click.	Execute the batch file `Setup_NT4_W2K.bat`, e.g. by double click.

Step	Procedure	
	under Windows 95 / 98 / ME	**under Windows NT / 2000/ XP**
3	The system copies the required files:  	
4	The setup process performs the requires steps:  	

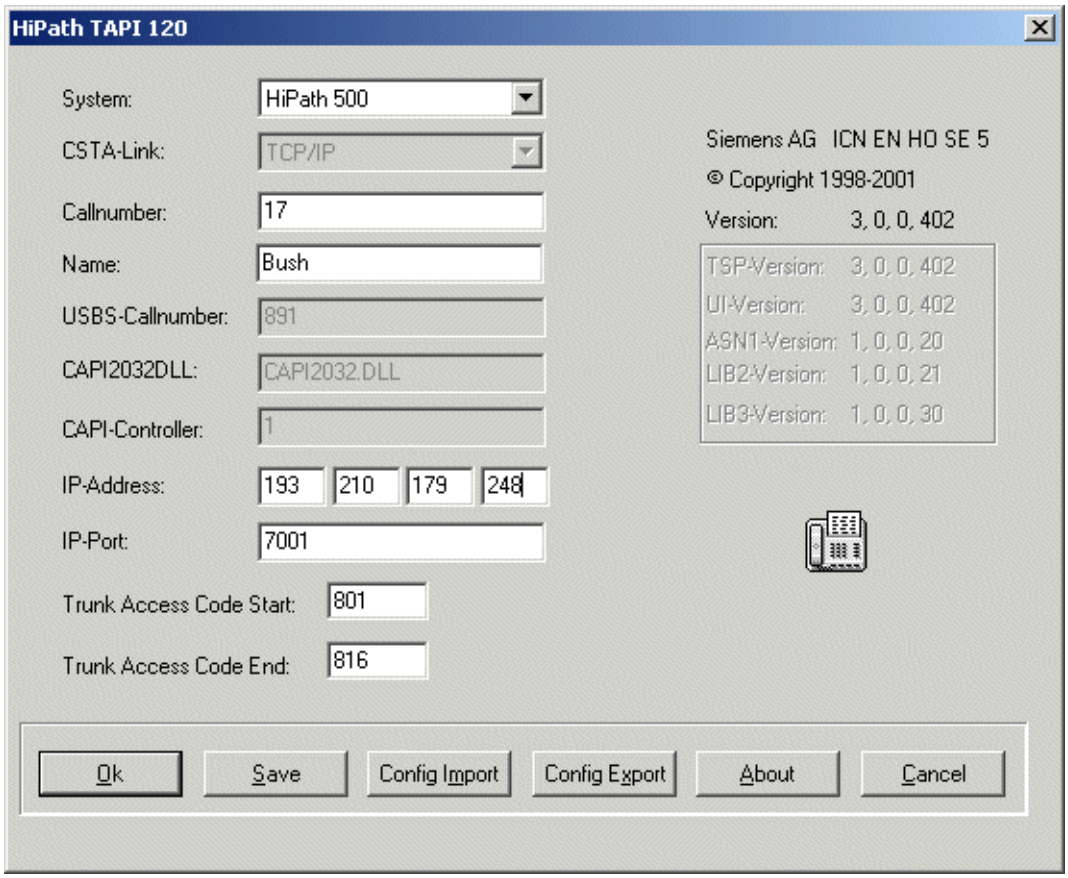
For installing and configuring the driver you need administrator privileges under Windows 2000 / Windows NT (local privileges). Please ask your network administrator if neccessary.

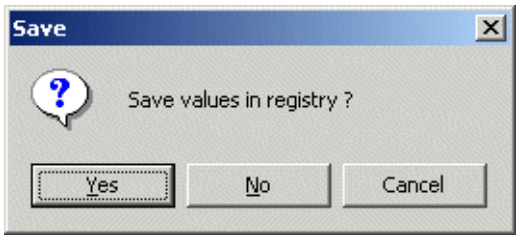
1.4.2 Configuration of HiPath TAPI 120

The configuration dialog

The configuration dialog is automatically activated after installation. You can change the settings after installation by activating the dialog via the *Start - Settings - Control Panel - Telephone and Modem Options*.

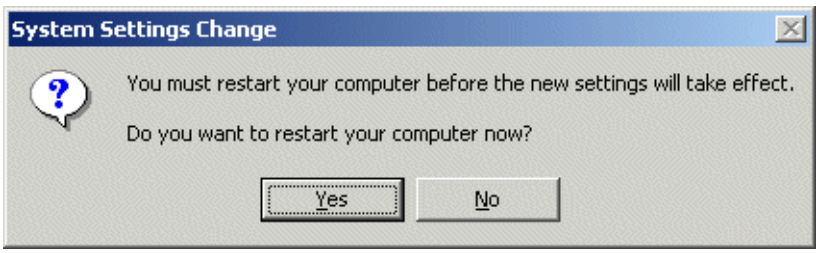
To configure HiPath TAPI 120 you proceed as follows:

Step	Procedure
1	After installation the configuration dialog is activated automatically: (Examples for the system HiPath 500): 
2	Select the Hicom system in the list field *System.* Possible entries are: • HiPath 500 • HG 1500

Step	Procedure
3	Depending on the selected system the field *CSTA-Link* shows one of the following connection types: • for HiPath 500: CSTA via *TCP/IP* • for HG 1500: CSTA via *VCAPI* It is not possible to edit the field value.
4	Enter the *Callnumber* of the extension and the *Name* of the user in the appropriate fields.
5	After selection of the system *HG 1500* you can not edit the entries in the fields *USBS-Callnummer*, *CAPI2032.DLL* and *CAPI-Controller.* Only by simultaneous operation of VCAPI and CAPI with one PC adapter you can enter the driver and controller in these fields.
6	If connected to the system HiPath 500 you have to enter the IP adress of the HICOM in the field *IP-Adress*. This adress is determined during installation / configuration of the HICOM system.
7	If connected to the system HiPath 500 you have to enter the IP port of the HICOM in the field *IP-Port*. The port number is determined during installation / configuration of the HICOM system.
8	Enter the HICOM range of trunk access codes in the fields *Trunk Access Code Start* and *Trunk Access Code Ende*. Usually you dont need to change the recommended values (depending on the selected system) in this fields.
Export / Import of the confifguration settings	
9	You can click on the *Config Export* or *Config Import* button for exporting / importing the configuration settings in / from a selected file.
Save configuration settings	
9	Click on the *Save* button to save the settings. Quit the dialog by clicking on the *Ok* button. If you leave the dialog without saving your settings a message box appears:  Click the *Yes* button if you want to change the actual settings.

PC restart

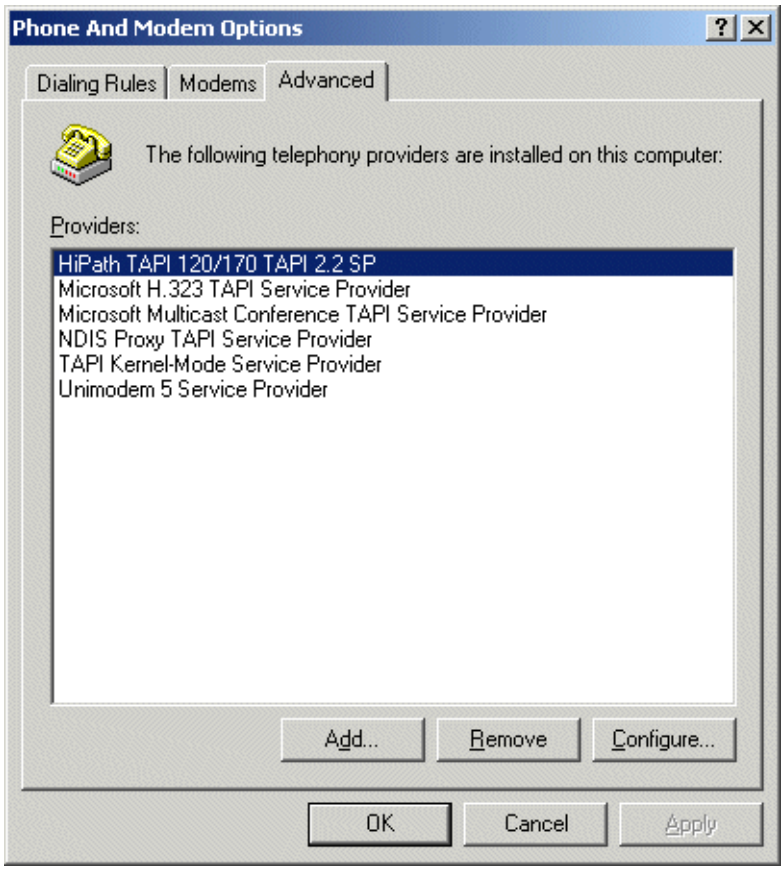
You must restart he computer before the settings will take effect. Confirm the following mewssage with *Yes*:



1.4.3 Activation of the configuration dialog after installation

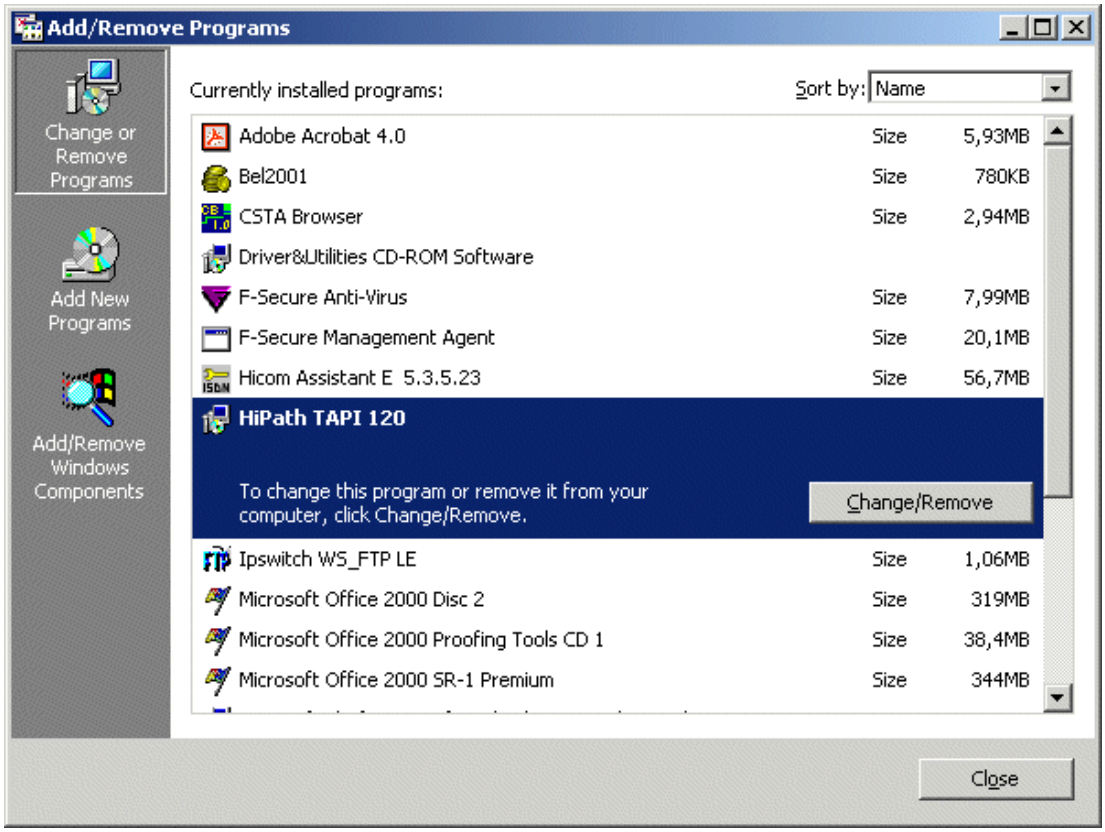
General

The configuration dialog is automatically activated after installation. For a later activation of the configuration dialogd proceed as follows:

Step	Procedure
1	Open *Start - Settings - Control Panel.* Double-click the symbol *Phone and Modem Options* and activate the entry *HiPath TAPI 120/170 TAPI 2.2SP*: 
2	Click the *Configure* button. The configuration dialog appears.

1.4.4 Uninstall HiPath TAPI 120

To uninstall HiPath TAPI 120 proceed as follows:

Step	Procedure
1	Open *Start - Settings - Control Panel*. Doubleclick the symbol *Add/Remove Programs* and activate the entry *HiPath TAPI 120*: 
2	Click the *Change/Remove* button and follow the instructions.

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The information in this document contains general descriptions of the technical options available, which do not always have to be present in individual cases.

The required features should therefore be specified in each individual case at the time of closing the contract.

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